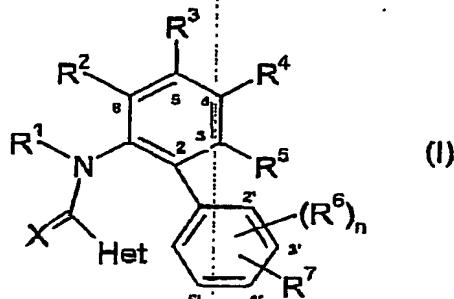


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CLAIMS

1. A compound of formula (I):



5 where Het is a 5- or 6-membered heterocyclic ring containing one to three heteroatoms, each independently selected from oxygen, nitrogen and sulphur, provided that the ring is not 1,2,3-triazole the ring being substituted by one, two or three groups R^y; R¹ is hydrogen, formyl, CO-C₁₋₄ alkyl, COO-C₁₋₄ alkyl, C₁₋₄ alkoxy(C₁₋₄)alkylene, CO-C₁₋₄ alkylene-oxycy(C₁₋₄)alkyl, propargyl or allenyl; R², R³ and R⁴ are each, independently, hydrogen, halogen, methyl or CF₃; R⁵ is hydrogen or fluorine; each R⁶ is, independently, halogen, methyl or CF₃; R⁷ is (Z)_mC≡C(Y¹) or (Z)_nC(Y¹)=C(Y²)(Y³); each R^y is, independently, halogen, C₁₋₃ alkyl, C₁₋₃ haloalkyl, C₁₋₃ alkoxy(C₁₋₃)alkylene or cyano; X is O or S; Y¹, Y² and Y³ are each, independently, hydrogen, halogen, C₁₋₆ alkyl [optionally substituted by one or more substituents each independently selected from halogen, hydroxy, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, C₁₋₄ alkylthio, C₁₋₄ haloalkylthio, C₁₋₄ alkylamino, di(C₁₋₄)alkylamino, C₁₋₄ alkoxy carbonyl, C₁₋₄ alkyl carbonyloxy and tri(C₁₋₄)alkylsilyl], C₂₋₄ alkenyl [optionally substituted by one or more substituents each independently selected from halogen], C₂₋₄ alkynyl [optionally substituted by one or more substituents each independently selected from halogen], C₃₋₇ cycloalkyl [optionally substituted by one or more substituents each independently selected from halogen, C₁₋₄ alkyl and C₁₋₄ haloalkyl] or tri(C₁₋₄)alkylsilyl]; Z is C₁₋₄ alkylene [optionally substituted by one or more substituents each independently selected from hydroxy, cyano, C₁₋₄ alkoxy, halogen, C₁₋₄ haloalkyl, C₁₋₄ haloalkoxy, C₁₋₄ alkylthio, COOH and COO-C₁₋₄ alkyl]; m is 0 or 1; and n is 0, 1 or 2.

25

2. A compound of formula (I) as claimed in claim 1 where Het is pyrazole, pyrrole, thiophene, furan, thiazole, isothiazole, oxazole, isoxazole, pyridine, pyrazine, pyrimidine, pyridazine, 5,6-dihydropyran or 5,6-dihydro-1,4-oxathiine.

5 3. A compound of formula (I) as claimed in claim 1 or 2 where R¹ is hydrogen, propargyl, allenyl, formyl, COMe, COEt or COCH₂OMe.

10 4. A compound of formula (I) as claimed in claim 1, 2 or 3 where Y¹, Y² and Y³ are, independently, hydrogen, halogen, C₁₋₆ alkyl, C₁₋₃ haloalkyl, C₁₋₄(haloalkoxy)C₁₋₄alkyl, C₁₋₄(haloalkylthio)C₁₋₄ alkyl, trimethylsilyl, C₂₋₄ alkenyl, C₂₋₄ haloalkenyl or C₃₋₆ cycloalkyl (optionally substituted by one or more substituents each independently selected from halogen and C₁₋₂ alkyl).

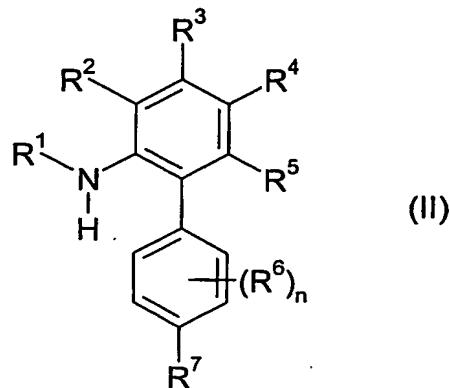
15 5. A compound of formula (I) as claimed in claim 1, 2, 3 or 4 where m = 0.

6. A compound of formula (I) as claimed in claim 1, 2, 3, 4 or 5 where Z is C₁₋₂ alkylene [which may be optionally substituted by one or more substituents each independently selected from halogen, C₁₋₄ haloalkyl and C₁₋₄ haloalkoxy].

20 7. A compound of formula (I) as claimed in claim 1, 2, 3, 4 5 or 6 where R⁷ is in the 4' position.

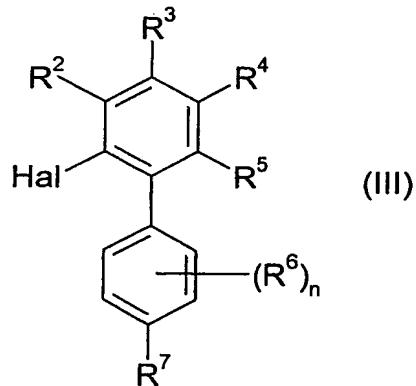
8. A compound of formula (I) as claimed in claim 1, 2, 3, 4 5, 6 or 7 where n = 0.

9. A compound of formula (II):



where R^1 , R^2 , R^3 , R^4 , R^5 , R^6 , R^7 and n are as defined in claim 1; provided that when R^1 ,
 5 R^2 , R^3 , R^4 and R^5 are each hydrogen and n is 0 then R^7 is not $\text{CH}=\text{C}(\text{H})\text{CH}_2\text{CO}_2\text{H}$.

10. A compound of formula (III):



10 where R^2 , R^3 , R^4 , R^5 , R^6 , R^7 and n are as defined in claim 1 and Hal is bromo, chloro or
 iodo; provided that the compound is not a compound of formula (IIIa) according to
 Table 0.

11. A composition for controlling microorganisms and preventing attack and infestation of
 15 plants therewith, wherein the active ingredient is a compound of formula (I) as claimed
 in claim 1 together with a suitable carrier.

12. A method of controlling or preventing infestation of cultivated plants by phytopathogenic microorganisms by application of a compound of formula (I) as claimed in claim 1 to plants, to parts thereof or the locus thereof.